

# Converting Colors

Hex(989E99)

Have a look what the booklet for  
Hex(989E99) contains.

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# **Color**

**Hex(989E99)**

# Conversions

## Conversions Part 1

Format	Color
Hex	989E99
RGB	152, 158, 153
RGB Percent	60%, 62%, 60%
CMY	0.4039, 0.3804, 0.4000
CMYK	0.04, 0.00, 0.03, 0.38
HSL	130°, 3%, 61%
HSV	130°, 4%, 62%
XYZ	30.9255, 33.4290, 34.9595
YIQ	155.6360, -1.9710, -2.8270

# Conversions

## Conversions Part 2

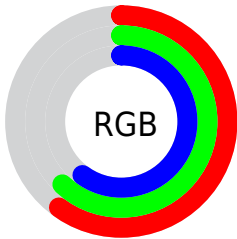
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">152, 157, 158</a>
Decimal	<a href="#">10002073</a>
CIELab	<a href="#">64.51, -3.11, 1.85</a>
CIElCh	<a href="#">65, 3.624, 149.234</a>
Yxy	<a href="#">33.4290, 0.3114, 0.3366</a>
Android (android.graphics.Color)	<a href="#">4288192153 (0xFF989E99)</a>
YUV	<a href="#">155.6360, -1.2995, -3.1888</a>
Hunter-Lab	<a href="#">57.8178, -5.7054, 4.6229</a>

# Details

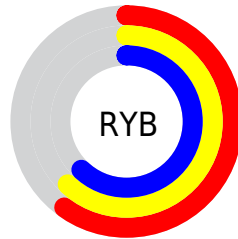
The Hex color **989E99** is a light color, and the websafe version is hex **999999**. A complement of this color would be **9E989D**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **CED5CF**, and **656B66** is the 20% darker color. If you saturate the color by 10%, you get **889E8C**, and if you desaturate by 10%, it is **A89EA6**.

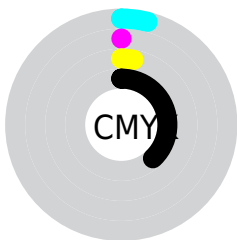
# Distribution



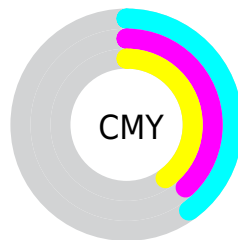
- Red (60%)
- Green (62%)
- Blue (60%)



- Red (60%)
- Yellow (62%)
- Blue (62%)



- Cyan (4%)
- Magenta (0%)
- Yellow (3%)
- Black (38%)



- Cyan (40%)
- Magenta (38%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 989E99 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 989E99 by changing the saturation by 10% instead.



■ 989E99

■ 989E99

FFFFFF

■ 7E847F

■ CED5CF

■ 656B66

■ EAF1EB

■ 4D534E

■ 363C37

■ 212622

■ 0A110C

■ 000000

■ 989E99

■ 989E99

■ 889E8C

■ A89EA6

 789E7F

 B89EB3

 699E71

 C79EC1

 599E64

 D79ECE

 499E57

 E79EDB

 399E4A

 F79EE8

 299E3D

 FF9EF5

 1A9E30

 FF9EFF

 0A9E22

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



9C9D97



989E99



959E9C

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



989E99



999DA3



A49A99

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



989E99



9E989D

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



A39A9D



989E99



9D9CA2

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



989E99



969EA2



A19BA0



A29B97

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



989E99



959E9E



A19BA0



A49A9A



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



989E99



CCCFCD



9D9E98



686968



E8E8E8



696969



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



989E99



C4CFC6



989E9C



4A4F4B



008F18



000F03



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



9E989D



CFC4CD



9E989A



4F4A4E



8F0077



0F000D



# Previews

## White Background



This preview shows how the Hex color 989E99 looks on a white background.

## Color Contrast Check

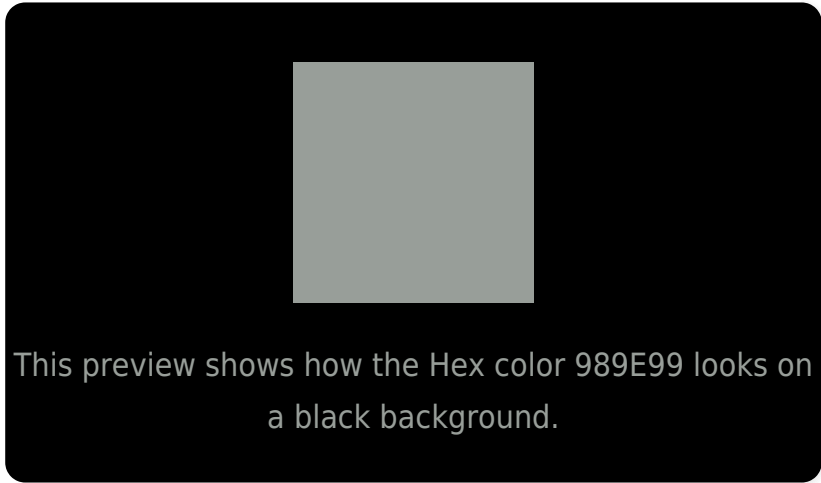
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

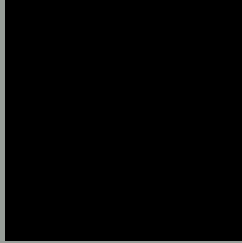
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

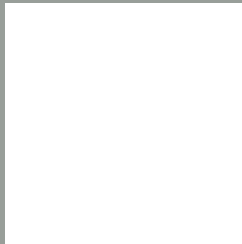
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 989E99 Background



This preview shows how black text looks on a background with the Hex color 989E99.

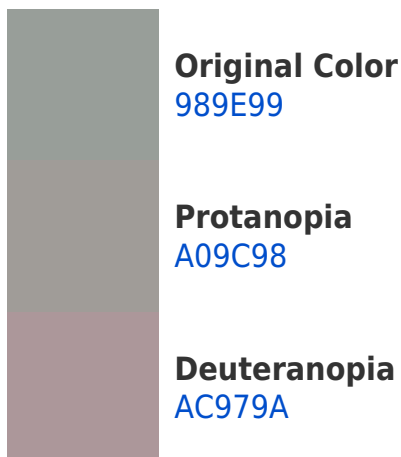


This preview shows how white text looks on a background with the Hex color 989E99.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

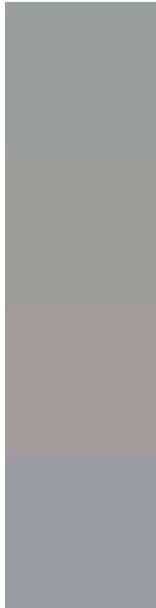
## Dichromacy





**Tritanopia**  
9A9CA8

# Trichromacy



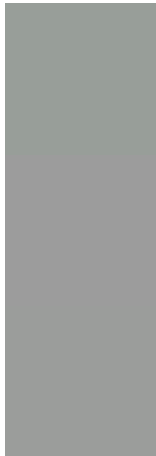
**Original Color**  
989E99

**Protanomaly**  
9D9D98

**Deuteranomaly**  
A59A9A

**Tritanomaly**  
999DA3

# Monochromacy



**Original Color**  
989E99

**Achromatopsia**  
9C9C9C

**Achromatomaly**  
9B9D9B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 989E99 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #989E99 looks like.

```
.text, #text, p{  
    color:#989E99  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #989E99 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #989E99
}
```

## Border

The CSS property to change the border of an element to Hex 989E99 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#989E99 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#989E99 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #989E99 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #989E99; -webkit-box-shadow:4px 4px  
4px 4px #989E99; box-shadow:4px 4px 4px  
4px #989E99 }
```

# Background

The CSS property to change the background color of an element to Hex 989E99 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#989E99 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#989E99 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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